

**Supplemental Table S2.** Malignancy Risk by Bethesda Cytology Category and American College of Radiology Thyroid Imaging Reporting and Data System (ACR-TIRADS)

Bethesda cytology category	ACR-TIRADS				Overall
	TR2	TR 3	TR 4	TR 5	
I (non-diagnostic)	0/1 (0)	0/2 (0)	0/2 (0)	2/3 (66.7)	2/8 (25.0)
II (benign)	0/6 (0)	0/13 (0)	0/10 (0)	1/5 (20.0)	1/34 (2.9)
III (AUS/FLUS)	0/4 (0)	3/11 (27.3)	2/16 (12.5)	8/18 (44.4)	13/49 (26.5)
IV (FN/SFN)	-	1/2 (50.0)	1/4 (25.0)	0/1 (0)	2/7 (28.6)
V (suspicious for malignancy)	0/1 (0)	-	2/5 (40.0)	16/16 (100.0)	18/22 (81.8)
VI (malignant)	-	-	12/14 (85.7)	66/66 (100.0)	78/80 (97.5)
Overall	0/12 (0)	4/28 (14.3)	17/51 (33.3)	93/109 (85.3)	114/200 (57.0)

Each cell demonstrates the number of malignant nodules confirmed by surgical pathology/number of total nodules in each Bethesda cytology category, (malignancy ratio, %).

ACR-TIRADS, American College of Radiology Thyroid Imaging Reporting and Data System; AUS/FLUS, atypia of undetermined significance or follicular lesion of undetermined significance; FN/SFN, follicular neoplasm or suspicious for a follicular neoplasm.